

Yoki Nakamura

List of Publications by Year in descending order

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47
papers

1,107
citations

394421

19
h-index

414414

32
g-index

48
all docs

48
docs citations

48
times ranked

1613
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sigma-1 Receptor as a Pluripotent Modulator in Living Systems. Trends in Pharmacological Sciences, 2016, 37, 262-278.	8.7	249
2	Neuropathic Pain in Rats with a Partial Sciatic Nerve Ligation Is Alleviated by Intravenous Injection of Monoclonal Antibody to High Mobility Group Box-1. PLoS ONE, 2013, 8, e73640.	2.5	76
3	Tumor necrosis factor-mediated downregulation of spinal astrocytic connexin43 leads to increased glutamatergic neurotransmission and neuropathic pain in mice. Brain, Behavior, and Immunity, 2015, 49, 293-310.	4.1	59
4	Perineural expression of high-mobility group box-1 contributes to long-lasting mechanical hypersensitivity via matrix metalloproteinase-9 up-regulation in mice with painful peripheral neuropathy. Journal of Neurochemistry, 2016, 136, 837-850.	3.9	43
5	The activation of P2Y6 receptor in cultured spinal microglia induces the production of CCL2 through the MAP kinases-NF- κ B pathway. Neuropharmacology, 2013, 75, 116-125.	4.1	41
6	High-mobility group box 1-mediated microglial activation induces anxiodepressive-like behaviors in mice with neuropathic pain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 347-362.	4.8	41
7	Cocaine-induced endocannabinoid signaling mediated by sigma-1 receptors and extracellular vesicle secretion. ELife, 2019, 8, .	6.0	36
8	Paclitaxel and vinorelbine, evoked the release of substance P from cultured rat dorsal root ganglion cells through different PKC isoform-sensitive ion channels. Neuropharmacology, 2009, 57, 25-32.	4.1	34
9	Activation of transient receptor potential ankyrin 1 evokes nociception through substance P release from primary sensory neurons. Journal of Neurochemistry, 2012, 120, 1036-1047.	3.9	34
10	Primary cultures of rat cortical microglia treated with nicotine increases in the expression of excitatory amino acid transporter 1 (GLAST) via the activation of the α 7 nicotinic acetylcholine receptor. Neuroscience, 2014, 258, 374-384.	2.3	34
11	A β 2/2 Adrenergic Receptor-Sensitive Intracellular Signaling Pathway Modulates CCL2 Production in Cultured Spinal Astrocytes. Journal of Cellular Physiology, 2014, 229, 323-332.	4.1	29
12	Lycopene ameliorates neuropathic pain by upregulating spinal astrocytic connexin 43 expression. Life Sciences, 2016, 155, 116-122.	4.3	28
13	Downregulation of spinal astrocytic connexin43 leads to upregulation of interleukin-6 and cyclooxygenase-2 and mechanical hypersensitivity in mice. Glia, 2018, 66, 428-444.	4.9	27
14	Spinal high-mobility group box-1 induces long-lasting mechanical hypersensitivity through the toll-like receptor 4 and upregulation of interleukin-1 β in activated astrocytes. Journal of Neurochemistry, 2019, 150, 738-758.	3.9	27
15	Downregulation of the spinal dorsal horn clock gene Per1 expression leads to mechanical hypersensitivity via c-jun N-terminal kinase and CCL2 production in mice. Molecular and Cellular Neurosciences, 2016, 72, 72-83.	2.2	26
16	Stimulation of nuclear receptor REV-ERBs suppresses production of pronociceptive molecules in cultured spinal astrocytes and ameliorates mechanical hypersensitivity of inflammatory and neuropathic pain of mice. Brain, Behavior, and Immunity, 2019, 78, 116-130.	4.1	25
17	Spinal astrocytes contribute to the circadian oscillation of glutamine synthase, cyclooxygenase-1 and clock genes in the lumbar spinal cord of mice. Neurochemistry International, 2012, 60, 817-826.	3.8	24
18	The regulation of exon-specific brain-derived neurotrophic factor mRNA expression by protein kinase C in rat cultured dorsal root ganglion neurons. Brain Research, 2013, 1509, 20-31.	2.2	24

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19	Stimulation of spinal dorsal horn α 2-adrenergic receptor ameliorates neuropathic mechanical hypersensitivity through a reduction of phosphorylation of microglial p38 MAP kinase and astrocytic c-jun N-terminal kinase. <i>Neurochemistry International</i> , 2016, 101, 144-155.	3.8	23
20	TLR4-TAK1-p38 MAPK pathway and HDAC6 regulate the expression of sigma-1 receptors in rat primary cultured microglia. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 23-29.	2.5	20
21	Downregulation of connexin36 in mouse spinal dorsal horn neurons leads to mechanical allodynia. <i>Journal of Neuroscience Research</i> , 2015, 93, 584-591.	2.9	18
22	Role of Connexins in Chronic Pain and Their Potential as Therapeutic Targets for Next-Generation Analgesics. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 857-866.	1.4	17
23	Volume Transmission of Substance P in Striatum Induced by Intraplantar Formalin Injection Attenuates Nociceptive Responses via Activation of the Neurokinin 1 Receptor. <i>Journal of Pharmacological Sciences</i> , 2013, 121, 257-271.	2.5	16
24	Mirtazapine increases glial cell line-derived neurotrophic factor production through lysophosphatidic acid 1 receptor-mediated extracellular signal-regulated kinase signaling in astrocytes. <i>European Journal of Pharmacology</i> , 2019, 860, 172539.	3.5	16
25	Corticosterone Induces HMGB1 Release in Primary Cultured Rat Cortical Astrocytes: Involvement of Pannexin-1 and P2X7 Receptor-Dependent Mechanisms. <i>Cells</i> , 2020, 9, 1068.	4.1	16
26	Pretreatment with High Mobility Group Box-1 Monoclonal Antibody Prevents the Onset of Trigeminal Neuropathy in Mice with a Distal Infraorbital Nerve Chronic Constriction Injury. <i>Molecules</i> , 2021, 26, 2035.	3.8	14
27	High-mobility group box 1-mediated hippocampal microglial activation induces cognitive impairment in mice with neuropathic pain. <i>Experimental Neurology</i> , 2022, 355, 114146.	4.1	14
28	Stimulation of toll-like receptor 4 downregulates the expression of α 7 nicotinic acetylcholine receptors via histone deacetylase in rodent microglia. <i>Neurochemistry International</i> , 2020, 138, 104751.	3.8	13
29	Perineural high-mobility group box 1 induces mechanical hypersensitivity through activation of spinal microglia: Involvement of glutamate-NMDA receptor dependent mechanism in spinal dorsal horn. <i>Biochemical Pharmacology</i> , 2021, 186, 114496.	4.4	13
30	Continuous infusion of substance P into rat striatum alleviates nociceptive behavior via phosphorylation of extracellular signal-regulated kinase 1/2. <i>Journal of Neurochemistry</i> , 2014, 131, 755-766.	3.9	10
31	Genomic Action of Sigma-1 Receptor Chaperone Relates to Neuropathic Pain. <i>Molecular Neurobiology</i> , 2021, 58, 2523-2541.	4.0	10
32	Treatment with Histone Deacetylase Inhibitor Attenuates Peripheral Inflammation-Induced Cognitive Dysfunction and Microglial Activation: The Effect of SAHA as a Peripheral HDAC Inhibitor. <i>Neurochemical Research</i> , 2021, 46, 2285-2296.	3.3	7
33	Central high mobility group box-1 induces mechanical hypersensitivity with spinal microglial activation in a mouse model of hemi-Parkinson's disease. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112479.	5.6	7
34	Downregulation of connexin 43 potentiates amitriptyline-induced brain-derived neurotrophic factor expression in primary astrocytes through lysophosphatidic acid receptor1/3, Src, and extracellular signal-regulated kinase. <i>European Journal of Pharmacology</i> , 2022, 925, 174986.	3.5	7
35	Downregulation of connexin43 potentiates noradrenaline-induced expression of brain-derived neurotrophic factor in primary cultured cortical astrocytes. <i>Journal of Cellular Physiology</i> , 2021, 236, 6777-6792.	4.1	6
36	p-Nitroterphenyl units for near-infrared two-photon uncaging of calcium ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 409, 113154.	3.9	5

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37	Stimulation of nuclear receptor REV-ERBs suppresses inflammatory responses in spinal microglia. <i>Neurochemistry International</i> , 2021, 151, 105216.	3.8	4
38	Lysophosphatidic acid induces thrombospondin α 1 production in primary cultured rat cortical astrocytes. <i>Journal of Neurochemistry</i> , 2021, 158, 849-864.	3.9	3
39	Continuous infusion of substance P inhibits acute, but not subacute, inflammatory pain induced by complete Freund's adjuvant. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 971-975.	2.1	2
40	Continuous infusion of substance P into rat striatum relieves mechanical hypersensitivity caused by a partial sciatic nerve ligation via activation of striatal muscarinic receptors. <i>Behavioural Brain Research</i> , 2020, 391, 112714.	2.2	2
41	Decreased connexin43 expression in the hippocampus is related to the antidepressant effect of amitriptyline in neuropathic pain mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 566, 141-147.	2.1	2
42	Pentobarbital may protect against neurogenic inflammation after surgery via inhibition of substance P release from peripheral nerves of rats. <i>Neuroscience Letters</i> , 2022, 771, 136467.	2.1	2
43	Mirogabalin alleviates nociceptive hypersensitivity without causing sedation in a mouse model of post-traumatic trigeminal neuropathy. <i>Behavioural Brain Research</i> , 2022, 425, 113829.	2.2	2
44	The analysis of anxiety- and depression-related behaviors in neuropathic pain of mice - possible involvement of brain inflammation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-2-15.	0.0	0
45	Cocaine Regulates Endocannabinoids-Containing Extracellular Vesicles Release in Ventral Tegmental Area via Sigma-1 Receptor and ADP-Ribosylation Factor 6 Pathway. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-79.	0.0	0
46	Effects of histone deacetylase inhibitor on lipopolysaccharide-induced cognitive impairment.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 3-P-014.	0.0	0
47	The nuclear receptor REV-ERBs suppress the pro-inflammatory responses in cultured microglia. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 3-P-015.	0.0	0